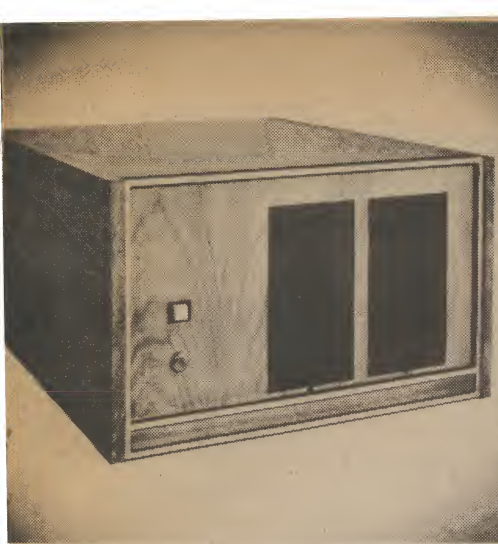


JL79

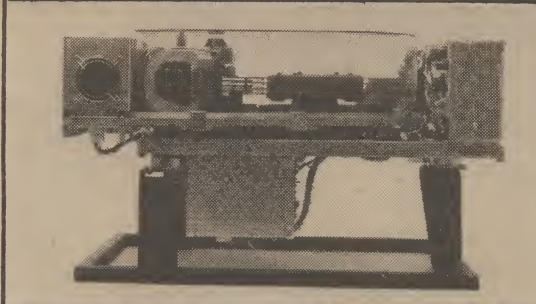


IF YOU NEED IT,
WE'VE GOT IT

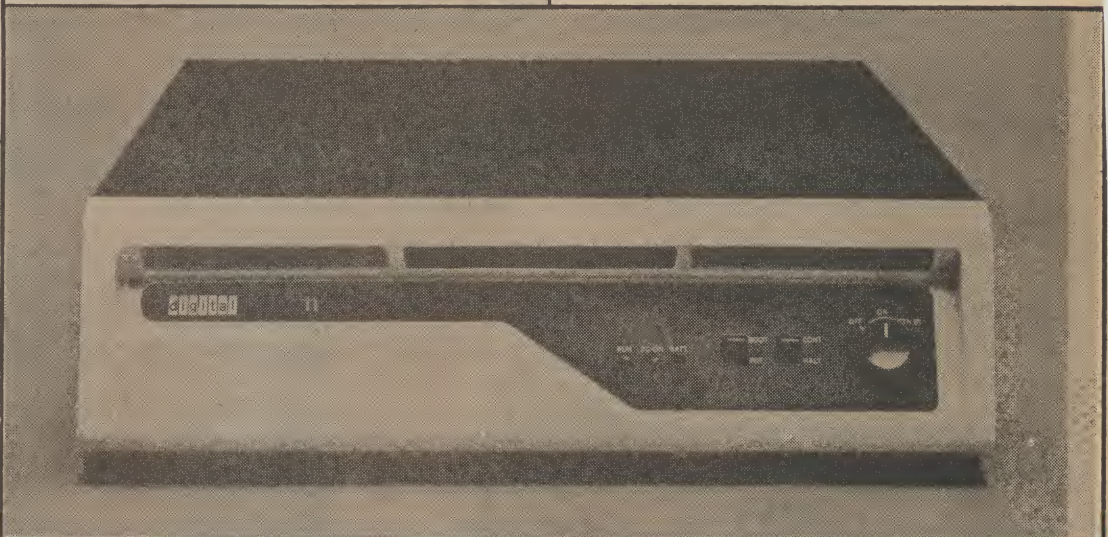
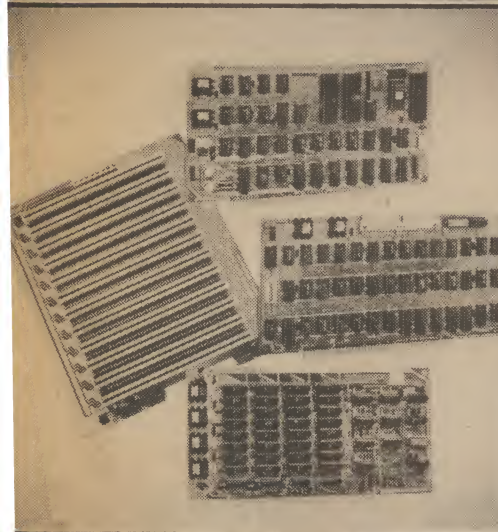
- ☐ IMMEDIATE DELIVERY
- ☐ LOW, DISCOUNT PRICES
- ☐ DEDICATED SERVICE
- ☐ ADD-ON'S FOR MOST MAJOR MANUFACTURERS



CENTRONICS
CIT
CONTROL DATA
DATA GENERAL
DEC
DIABLO
DIVA
GENERAL ELECTRIC
GEORGIA MAGNETICS
INDUSTRIAL MICRO SYSTEMS
LEAR SIEGLER
PERTEC
SHUGART
VERBATIM
WESTERN DIGITAL



CIT HOTLINE (714) 979-9920



COMPUTER INTERFACE TECHNOLOGY

BROKER, DISTRIBUTOR, MANUFACTURER

Spring, 1979 Catalog of
New and Used Minicomputer Equipment
Revised Edition. Prices Effective April 1, 1979
Subject To Change Without Notice

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List of Manufacturers

CENTRONICS

CIT

CONTROL DATA

DATA GENERAL

DEC

DIABLO

DIVA

GENERAL ELECTRIC

GEORGIA MAGNETICS

INDUSTRIAL MICRO SYSTEMS

LEAR SIEGLER

PERTEC

SHUGART

VERBATIM

WESTERN DIGITAL



COMPUTER INTERFACE TECHNOLOGY
201 W. DYER RD., SUITE C
SANTA ANA, CA 92707 (714) 979-9920

Introduction to CIT

CIT ... Making your growing pains easier."

During the '70s the sale of mini and micro computers and peripheral equipment increased at an astonishing rate.

As the demands on this new equipment increased, the need for faster, more powerful peripherals became necessary. New owners soon discovered that the cost of system expansion was high indeed, especially when purchased from the original equipment manufacturer.

Soon the market was flooded with companies that produced add-ons for the major manufacturers. This was good as competition compels improved performance and reduces costs, but it only made the choice for the user more difficult.

With the wide variety of systems and add-ons to choose from, users had many questions, such as: "Who makes a DEC-compatible printer? Where can I get a Data-General-compatible communications controller? Is there another source for an asynchronous serial channel interface for my PDP-11?"

The need for answers and a source of low-cost, computer-compatible interfaces that would permit peripheral independence went, for the most part unanswered. Until CIT.

"CIT to the Rescue."

In response to your needs, Computer Interface Technology was formed to fill this void.

CIT is organized into three major divisions: The CIT division buys and sells new and used computer systems and peripherals as a brokerage operation. The Distributor Sales division sells new computer products to the retailer, end-user and multiple-unit buyer at discount prices and immediate, off the shelf delivery. The Peripheral Products division is the manufacturing arm of the Corporation.

"CIT Service, A Total Commitment."

From its inception, CIT has been recognized as a significant factor in the computer field.

Our reputation for service, dependability and price consciousness is well known.

Our engineers and our state-of-the-art research and development program assures the development of performance-proven, highest quality products.

CIT never compromises. On quality or commitment. You can rely on CIT to provide you with what you need. You can rely on CIT to deliver the best value for your money, and low prices are what it's all about.

General Information

DOMESTIC:	Cash, Check, Money Order or Credit Card (BankAmericard, Visa or Master Charge).
FOREIGN:	U.S. dollars only or affiliated credit cards of Bank of America, Visa or Master Charge. No checks on foreign funds acceptable. No foreign C.O.D.'s, not even CANADA, except Commercial Air Freight with shipping charges starting at approximately \$50.00.
C.O.D.:	C.O.D. orders accepted for U.S. only. Add 5% for handling. C.O.D.'s above \$2,000 require a 20% deposit.
CREDIT:	Credit terms are available in justifying situations upon application. Purchase Orders from schools and established institutions will be accepted. We offer open accounts to D&B rated firms and Government.
SHIPPING:	Orders will be processed and shipped within 3 to 7 days of receipt of order form. Customers will be notified of any delay over 30 days.
INSTALLATION:	Equipment installation available in most areas.
WARRANTY:	CIT warrants all parts sold to meet industry specs for that particular device number designation. Any defective part will be replaced or purchase price refunded. CIT limits the liability of its warranty to the replacement of the product and can assume no responsibility for the way the units are used.
DAMAGE:	Claims must be made within 10 days after receipt of equipment. All requests must include invoice no. and date.
PRICES:	All prices are cash discounted FOB shipping point and prices and conditions are subject to change without notice.
SALES TAX:	6% sales tax on all parts delivered in California. If for resale, you must include a standard completed and signed resale permit card, not just a tax number.
LEASING:	Leasing available.
WILL CALL:	Counter Service — 8:00 a.m. to 4:30 p.m. (Orders must be placed prior to 2:00 p.m. on day of pickup.
OFFICE HOURS:	8 a.m. — 5 p.m. Monday — Friday

CIT Manufactured Products

**CIT offers immediate
off-the shelf delivery
on hard to get
PDP-11/LSI-11
compatible products**

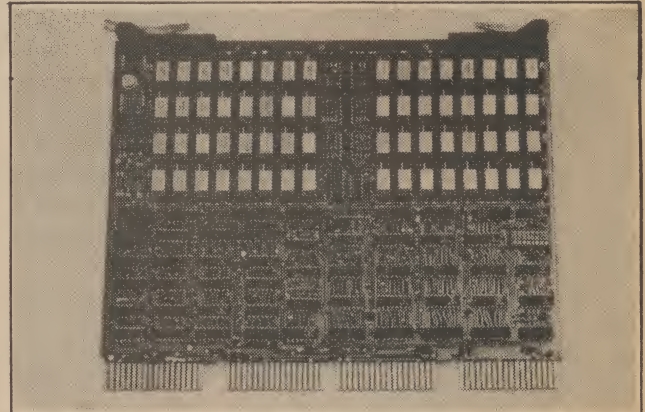
**SAVE MONEY.
BUY DEC
COMPATIBLE
MOS
MEMORY.**

CIT MODEL #	DESCRIPTION	CIT PRICE
CMS11-256P	256K Bytes + Parity	\$4,900
CMS-11-256	256K Bytes	4,700
CMS11-128P	128K Bytes + Parity	2,920
CMS11-128	128K Bytes	2,715
CMS11-96P	96K Bytes + Parity	1,985
CMS11-96	96K Bytes	1,800
CMS11-64P	64K Bytes + Parity	1,550
CMS11-64	64K Bytes	1,410
CMS11-32P	32K Bytes + Parity	960
CMS11-32	32K Bytes	915

For the LSI-11Series

CDCV11	Hard Disk Control for up to 10 Meg Bytes	1,790
CDLV11	Async. Controller	255
CLPV11	Line Printer Controller (includes 8 meter cable)	260
CDRV11	G.P. Parallel Interface 16 I/O TTL Data Lines	150

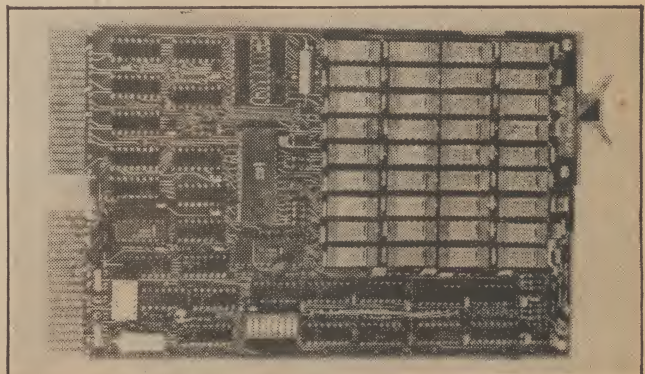
**Designed by CIT ...
Built by CIT ...
Immediate Delivery
by CIT ...**



For the PDP-11 Series

COMPARE THESE PRICES

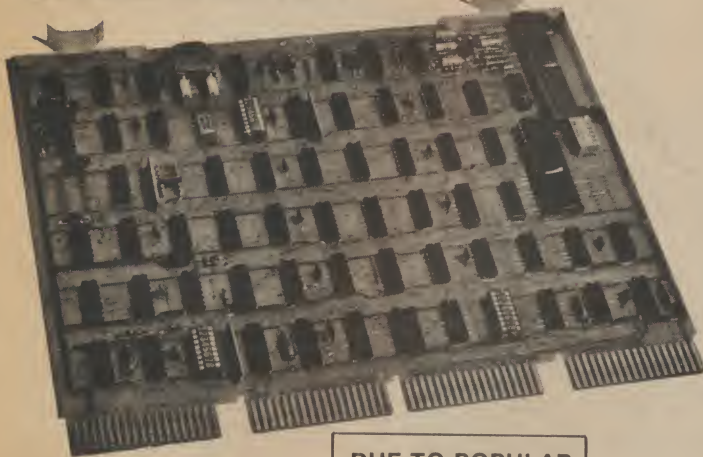
CIT MODEL #	DESCRIPTION	DEC	CIT	SAVE
CDL-11	1 Channel Async. Card	\$ 770	\$ 595	\$175
CDZ-11A	8 Channel Async. Card	2,310	1,990	320
CDZ-11B	8 Channel Expander Card	1,710	1,490	220
CDZ-11E	16 Channel Async. Card	3,740	3,195	540



CIT Minicomputer Equipment

YOU CAN'T PASS UP THESE SPECIALS!

SAVE MONEY



DUE TO POPULAR
DEMAND CIT IS
EXTENDING THIS
SPECIAL OFFER....

CDL-11 Asynchronous Serial
Channel Interface for PDP-11
DEC DL-11 A, B, C, D, E. Compatible

ONLY \$595

Offer Good for Limited Time Only!

**MINIMUM
PURCHASE ORDER
\$50.00**

11/03 Disc Drive Sub Systems

2.5 MB Drive & Controller	5,195
5 MB Drive & Controller	5,695
20 MB Drive and Controller	7,495

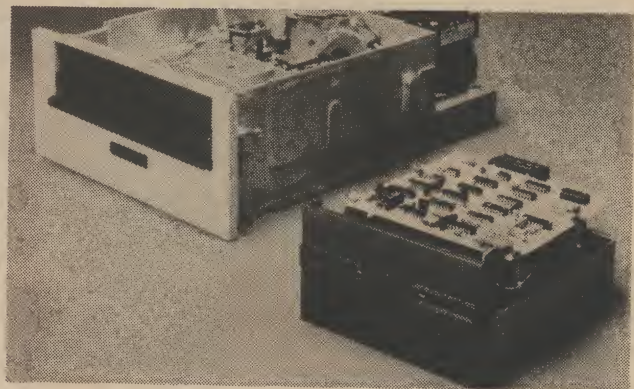
Super Specials on Floppy's

DEC PDP-11* Dual Floppy Sub System
Complete w/ controller and cables \$2,900

LSI-11 Dual Floppy Sub System
complete w/ controller and cables 2,900

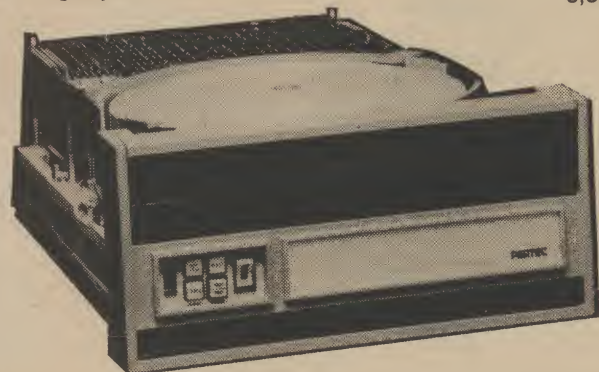
MINI FLOPPY

Includes chassis, SA400 floppy
drive and power supply (w/o controller) 399



Check Our Low Prices on Pertec Disc Drives (NEW)

2.5 megabyte	\$3,695
5 megabyte	3,895
10 megabyte	4,395
20 megabyte	5,595



PHONE THE CIT HOTLINE (714) 979-9920

CIT Minicomputer Equipment, Con't.

Save Money Using CIT's Own Sub System For PDP-11 (NEW)

CIT PART #	DESCRIPTION	CIT PRICE
(TU-45)	75ips tape & controller	\$13,590
(LP-11-VA)	300PLM printer & controller	9,990
(LP-11-YA)	600LPM printer & controller	14,900
(LP-11-SA)	900PLM printer & controller	17,990
(RK-07)	10MB disc & controller	9,950
(RK-05)	2.5MB disc & controller	6,500
(RK-05)	5MB disc & controller	7,500

DEC

CIT-200 MASS STORAGE DISC SYSTEM (NEW) CIT-200 Disk Drive and Controller

200MB one drive and cont.	\$24,590
400MB, two drives and cont.	39,500
800MB, four drives and cont.	69,500
1600MB, eight drives and cont.	129,500

Data General Add-Ons (NEW)

CORE MEMORY

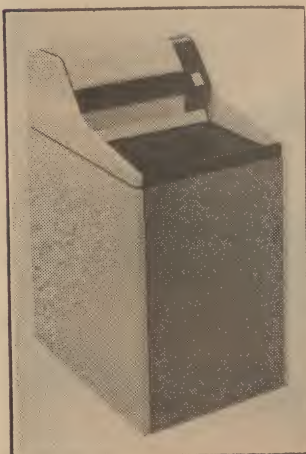
16K Nova 1200	\$1,940
16K Nova 2	1,901
16K Nova 80/840	2,440
16K Nova 3	1,746

MOS MEMORY

128KW	6,174
64KW	3,594
32KW	2,163
16KW	1,586

SUB SYSTEMS

5 megabyte disc/controller	8,495
10 megabyte disc/controller	9,995



RP-06 Equivalent

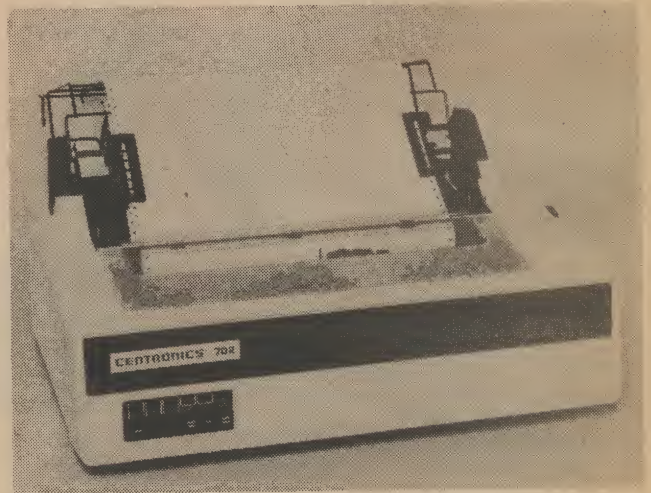
Ready to add-on to your DEC system. Includes interface, cabling.

For 11/70 Mass bus controller, add \$4,900

Call CIT for data sheet and additional information.

Save on Centronics

Centronics 779, 90LPM (New)	\$ 995
Centronics 702, 120CPS (New)	1,995
Centronics 701 (New)	1,575



CHECK OUT THESE SUPER BUYS

DISKETTES

VERBATIM	Diskette, 8", IBM comp.	4.29
VERBATIM	5" hard or soft sector	3.49
GEORGIA		
MAGNETICS	Diskette, 8", IBM comp.	3.59

PERIPHERALS

MAG TAPE DRIVES (NEW)

PERTEC	V Colm, PE, NRZ, 75ips, 10"R	\$5,345
PERTEC	12ips, 7"R, 800bpi, NRZI	2,710
PERTEC	37/45ips, 10"R, 800bpi, NRZ	4,495
PERTEC	37/45ips, 10"R, 800bpi, NRZ/PE	4,795
PERTEC	125ips, Vac Colm	7,200

DIABLO PRINTERS

HT1610-1	Standard Unit	\$2,585
HT1620-1	Standard Unit	2,950
	Forms Tractor	190

*TM Digital Equipment Corp. and Data General Corp.

NOTE: All prices listed are cash discounted

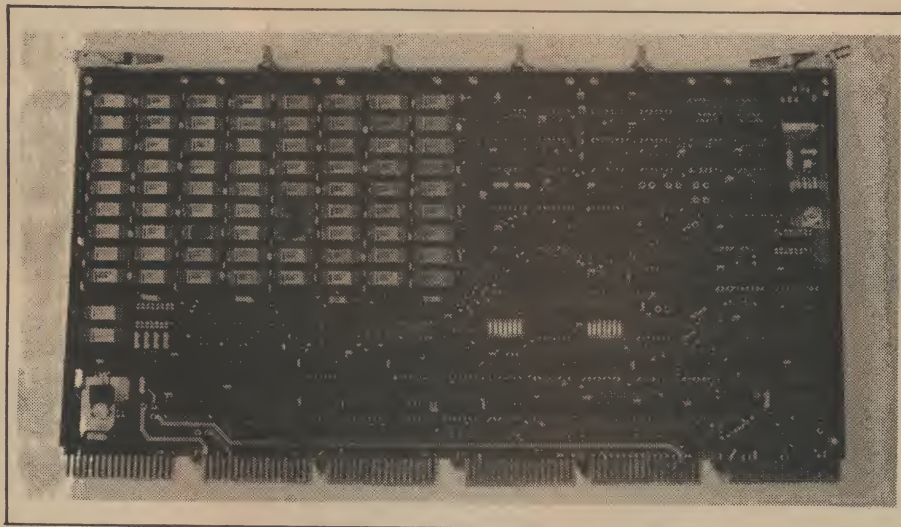
- Prices herein are subject to change without notice.
- All items listed are available in limited quantities and subject to prior sale.
- Leasing Available.

WE ALSO BUY NEW AND USED EQUIPMENT

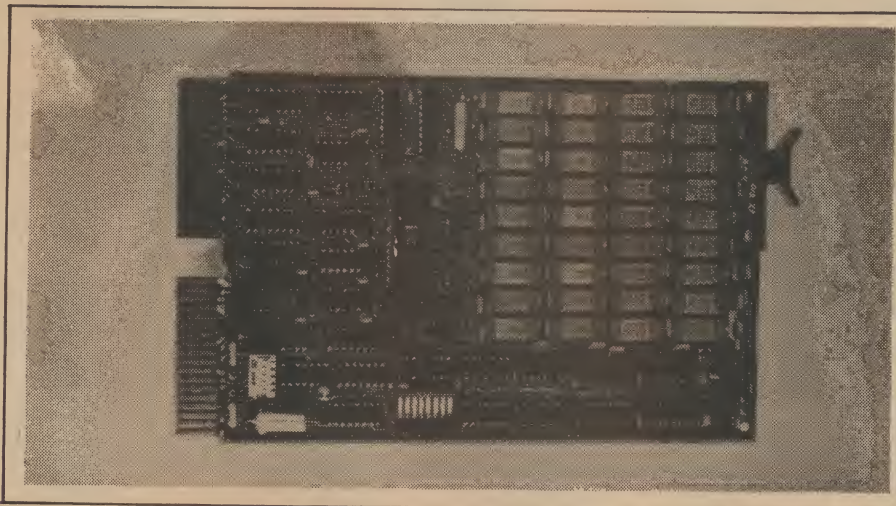
CALL THE CIT HOTLINE (714) 979-9920

CIT Memories

CORE MEMORY #	DESCRIPTION	CIT PRICE	CMC-1105B	16K bytes	1654
CMC-1132A/101	64K bytes Parity	\$2,828	ADD-IN MEMORY LSI-11 "MOS"		
CMC-1132/102	64K bytes	2,813	CMM-SV32A/100	64K bytes	\$925
CMC-1116A/100	32K bytes Parity	2,240	CMM-SV32A/102	32K bytes	730
CMC-116A/101	32K bytes	1,998	CMM-SV32A/103	16K bytes	560
CMC-1105BP	16K bytes Parity	1,852			

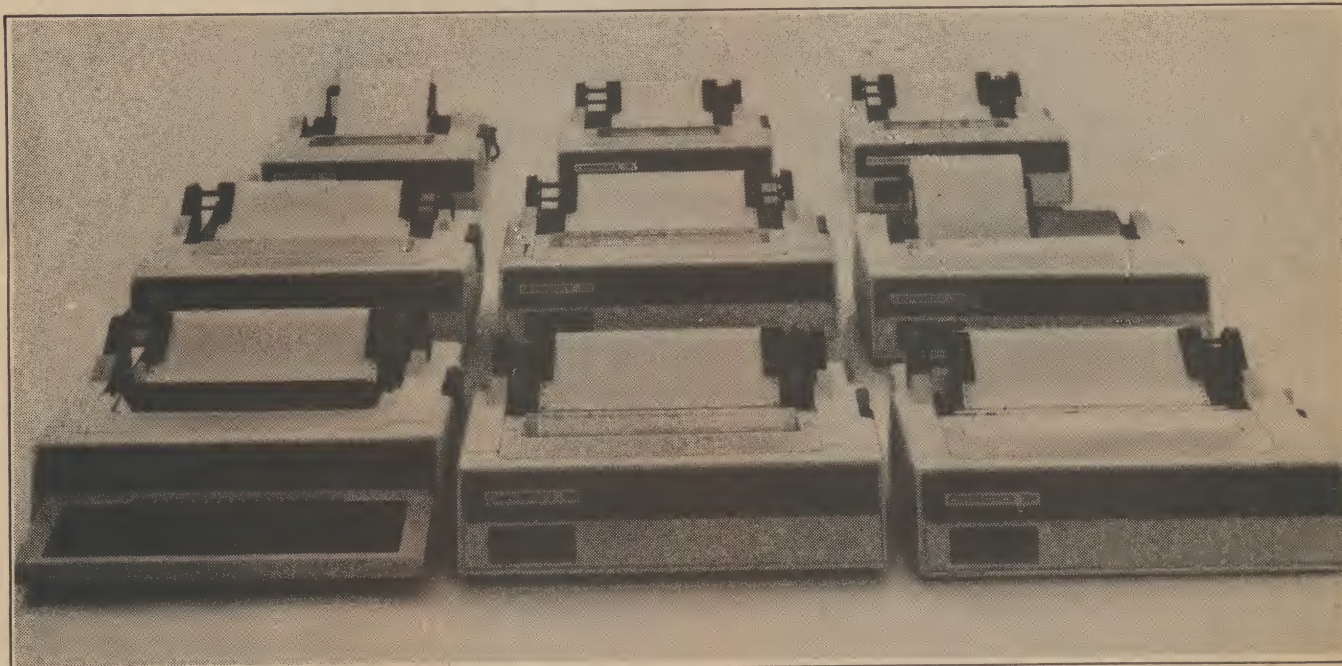


RAM MEMORY #	DESCRIPTION	CIT PRICE	CMM-S1132/104	32K bytes/Parity	1,033
CMM-S11E/100	256K bytes/ECC	\$ 6,000	CMM-S1164/200	128K bytes	2,386
CMM-S11E/102	128K bytes/ECC	3,623	CMM-S1132/200	64Kbytes	1,470
CMM-S11E/103	64K bytes/ECC	2,435	CMM-S1132/204	32K bytes	985
CMM-S1164A/100	128K bytes/Parity	2,638	ADD-IN MEMORY PDP11/70		
CMM-S1132/100	64K bytes/Parity	1,520	CMC-J11B(A)	128K bytes Core	\$9,738



Printers

CENTRONICS		CIT PRICE		
CIT PART #	DESCRIPTION			
CLP-700	60CPS/132 COL Dot Matrix Printer	\$ 1,475	CLP-780	90LPM/80-132 COL Dot Matrix Printer 1,395
CLP-701	120CPS/132 Col Dot Matrix Printer	1,575	CLP-781	120LPM/132 COL Dot Matrix Printer 1,495
CLP-702	120CPS/132 COL Dot Matrix Printer	1,995	CLP-761	9600 BAUD/132 COL Dot Matrix Printer 1,595
CLP-703	180CPS/132 COL Dot Matrix Printer	2,595	CLP-765-7R0	200CPS/132 COL Dot Matrix Printer 2,595
CLP-779	90LPM/132 COL Dot Matrix Printer	995	CLP-6300	300LPM/136 COL Band Printer 4,895
			CLP-660	600LPM/136 COL Band Printer 6,996
			CSP-16	RS232 to Centronics Converter (Up to 1200 band) 185



GENERAL ELECTRIC TERMINETS

CTN 120	Terminet 120 Line Printer, with adjustable tractor feed Vertical Format Unit, standard GE Parallel Interface (A), rear (top) paper feed, for desk or table-top mounting.	
CTN 120-80	80 column, 191 to 340 LPM	\$3,642
CTN 120-120	120 column 127 to 340 LPM	4,060
CTN 120P	Terminet 120 Line Printer, same as above except with front paper feed, includes pedestal and adapter plate.	
CTN 120-80P	80 column, 191 to 340 LPM	3,904
	120 column, 127 to 340 LPM	4,079
CTN 310P	Terminet 310 Line Printer, 132 column, 90 to 240 LPM, with reinking	4,191

ribbon cartridge, adjustable tractor feed (3" to 15") vertical Format Unit, standard GE Parallel Interface (A), rear and front paper feed, includes pedestal.

CTN 320P	Terminet Line Printer, 115 to 340 LPM, otherwise same description as for Terminet 310.	4,337
CTN 330P	Terminet 330 Line Printer, 181 to 340 LPM, otherwise same description as for Terminet 310.	4,711
CTN 340P	Terminet 340 Line Printer, 231 to 340 LPM, otherwise same description as for Terminet 310.	4,998

Printers may be required to print full 94-character ASCII (2-font belt) or 63-character subset (3-font belt). Specify which is required.

Disc Drives

<u>PERTEC</u>		
CIT PART #	DESCRIPTION	CIT PRICE
CDD-331X	2.5 MEG BYTE, 2.5 MB Removable Disc Cartridge	\$ 3,695
CDD-332X	5 MEG BYTE, 2.5 MB Fixed, 2.5 MB Removable	3,895
CCD-342X	10 MEG BYTE, 5 MB Fixed, 5 MB Removable	4,395
CCD-346X	20 MEG BYTE, 15 MB Fixed, 5 MB Removable	5,595
<u>MEMOREX</u>		
CDD-677	200 MEG BYTE, 200 MB Removable Disc Cartridge	\$15,000
CDD0677.5	100 MEG BYTE, 100 MB Removable Disc Cartridge	14,500
CCD-601	40 MEG BYTE, 40 MB Fixed Head Winchester	5,500

<u>C.D.C.</u>		
CIT PART #	DESCRIPTION	CIT PRICE
CDD-9760	40 MEG BYTE, 40 MB Removable Cartridge	\$ 6,000
CDD-9762	80 MEG BYTE, 80 MB Removable Cartridge	7,000
CDD-9766	300 MEG BYTE, 300 MB Removable Cartridge	15,500
CDD-9448-96	96 MEG BYTE, 16 MB Removable, 80 Fixed	7,000
CDD-9448-94	64 MEG BYTE, 16 MB Removable, 48 Fixed	6,000
CDD-9448-32	32 MEG BYTE, 16 MB Removable, 16 Fixed	5,000
CDD-9730	80 MEG BYTE, 80 MB Fixed	4,500

Magnetic Tapes

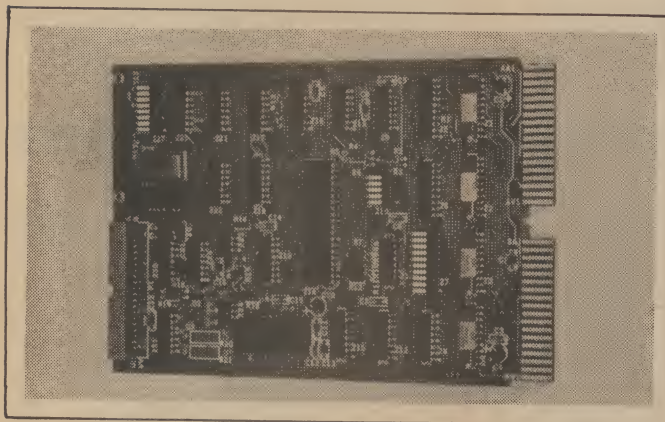
<u>PERTEC</u>		
CIT PART #	DESCRIPTION	CIT PRICE
CMT-7640-9	12.5 or 18.75 IPS R after W Mag Tape Unit, 9 Track only, 1600 CPI, PE 7" R	\$2,895
CMT-7640-9	25 IPS R after W Mag Tape Unit, 9 Track only, 1600 CPI, PE, 7" R	2,995
CMT-8440-7/9	12.5 IPS or 25 IPS R after W Mag Tape Unit, 7 or 9 Track, 800 BPI, NRZI, 10 1/2" R	3,595
CMT-7840-7/9	12.5 or 1875 IPS R after W Mag Tape Unit, 7 or 9 Track, 800 BPI, NRZI, 7" R	2,770
CMT-7840-7/9	25 IPS R after W Mag Tape Unit, 7 or 9 Track, 800 BPI, NRZI, 7" R	2,970
CMT-8840-7/9	37.5 IPS or 45 IPS R after W Mag Tape Unit, 7 or 9 Track, 800 BPI, NRZI 10 1/2" R	3,795
CMT-8640-9	12.5 IPS or 25 IPS R after W Mag Tape Unit, 9 Track only, 1600 CPI, PE, 10 1/2" R	3,995
CMT-8640-9X	37.5 IPS or 45 IPS R after W Mag Tape Unit, 9 Track only, 1600 CPI, PE, 10 1/2" R	4,295
CMT-8640-98	12.5 IPS or 25 IPS R after W Mag Tape Unit Dual Density of 1600 CPI, PE, and 800 BPI, NRZI, 10 1/2" R	4,495

CIT PART #	DESCRIPTION	CIT PRICE
CMT-8640-98X	37.5 IPS or 45 IPS R after W Mag Tape Unit, Dual Density of 1600 CPI, PE, and 800 BPI, NRZI, 10 1/2" R	
CMT-9640-98	Vacuum Column Digital Mag Tape Unit, R after W, Dual Density of 1600 CPI, PE and 800 BPI, NRZI format, 75 IPS, 10 1/2" R	4,595
CMT-9640-9	37.5 IPS to 75 IPS R after W Vacuum Column Mag Tape Unit, 9 Track only, 1600 CPI, PE, 10 1/2" R	4,595
CMT-9640-98X	37.5 IPS to 75 IPS R after W Vacuum Column Mag Tape Unit, 9 Track only, Dual Density of 1600 CPI, PE, and 800 BPI, NRZI, 10 1/2" R	4,895
CMT-1000	Vacuum Column 125 IPS R after W Mag Tape Unit Dual Density of 1600/800 CPI Phase Encoded and NRZI, 10 1/2" R	7,495

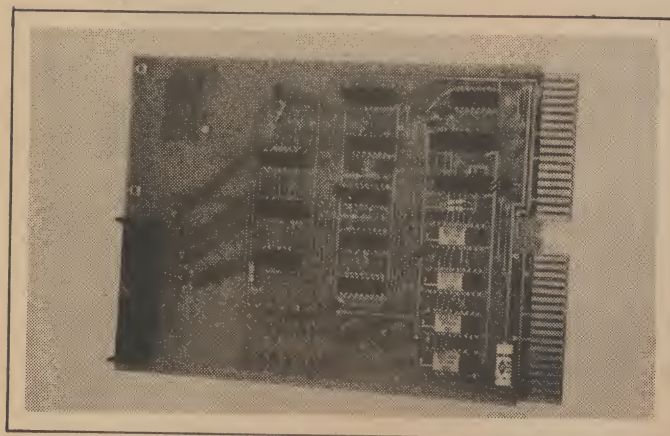
<u>TANDBERG</u>		
CIT PART #	DESCRIPTION	CIT PRICE
CMT-1050	45 IPS 7 or 9 Track, 800/ 1600 CPI, NRZI/PE 10 1/2" R	3,400

Controllers, Multiplexers for PDP-11, LSI-11

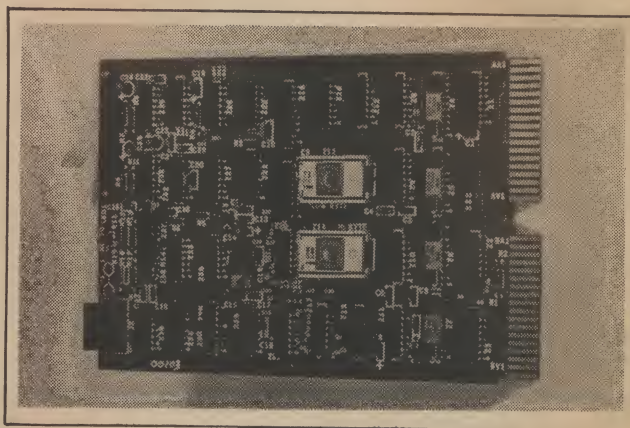
CIT PART #	DESCRIPTION	CIT PRICE
CDL-11	Terminal controller, serial 1/0 EIA-20MA to 19,200 baud.	\$595
CCR-CR11	Card reader controller, 150 to 900 CPM fits in SPC slot.	995
CLP-LP-11	Line printer controller, 90 cps to 1500 LPM. Specify printer.	995
CPC-PC11	Paper tape reader/punch controller.	995
CDLV11	Asynchronous Serial I/O Module RS232 and 20ma; programmable/switch selectable baud rate and UART parameters. (LSI-11)	255



CLPV11 Line Printer Controller, includes 8 meter cable for most parallel interfaced printers. Specify printer. (LSI-11) 399



CDRV11	General Purpose Parallel Interface 16 input and 16 output TTL data lines plus control and status. (LSI)	150
CTBC	Terminator/Bootstrap/Clock Module. Module provides power-up sequencing, BUS termination, front panel control, PROM sockets and realtime clock. REV II compatible.	299



CKD11-H	DEC LSI-11/2 MPU (with KEV11 Arithmetic Chip)	650 (835)
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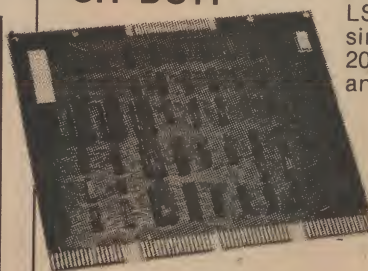
MAGTAPE CONTROLLERS

CMTC-TC11	Magtape controller, 7/9 track NRZ only, 12.5 IPS, will drive 8 magtapes (software transparent to DEC TU-10 drives) comes complete with system unit. Cables and manuals.	2,895
------------------	---	-------

SUPER BUY CIT-DC11

Hard disc controller for PDP11/03, LSI (DEC software transparent) single card will drive 2.5, 5, 10, and 20 megabytes disc drive. Cables and manuals.

1790



CMTC-TC45	Magtape controller, 7/9 track NRZ/PE, 800/1600 BPI, 12.5 to 125 IPS, will drive 8 magtapes (software transparent to DEC TU-10 drives) comes complete with system unit cables and manuals.	3,495
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Add-On Sub Systems

DISC DRIVE — SUB SYSTEM FOR PDP 11/03, LSI-11

CIT PART #	DESCRIPTION	CIT PRICE
CIT-DD 2.5/03	2.5 Meg Byte Disc Drive Control, Cable	\$5,695
CIT-DD 5/03	5 Meg Byte Disc Drive Controller, Cable	5,995
CIT-DD 10/03	10 Meg Byte Disc Drive, Controller, Cable	6,595
CIT-DD 20-03	20 Meg Byte Disc Drive, Controller, Cable	7,795
CIT-DD 215/03	Dual Floppy Disc Drive, Controller, Cables	2,900

- CIT Disc Sub Systems are available for D.E.C., D.G., Interdata
- All Disc Sub Systems are software transparent and use D.E.C. Drivers
- Contact CIT for installation price in your area

MAG TAPES

CIT-MT 75	75 IPS Vacuum Col, NRZI/PE, 10 ½"R, Control, Cables (TU-45) equiv.	\$13,590
CIT-MG 125	125 IPS Vacuum Col, NRZI/PE, 10 ½"R, Control, Cables	14,995
CIT-MT 45	45 IPS NRZI/PE, 9/7 Track, 10 ½" Reels, Control, Cables	7,995
CIT-MT 25	25 IPS NRZI, 9/7 Track, 7" Reels, Control, Cables	5,995

— All Mag Tape Sub Systems are software transparent and use D.E.C. Drivers

— Contact CIT for installation price in your area —

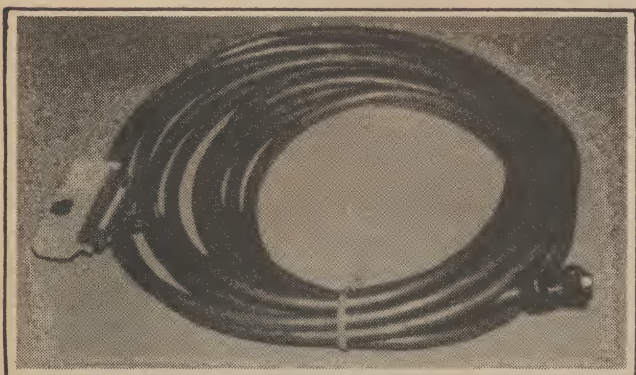
**CONTACT CIT FOR
VOLUME DISCOUNTS**



Accessories, Cables, Supplies

SAVE ON CABLES FOR DEC EQUIPMENT

CIT PART #	DEC PRICE	CIT PRICE
-BC03M-AO	\$120	\$100
-BC04Z-10	53	45
-BC05C025	112	98
-BC11A-02	127	110
-05	143	120
-08	160	140
-10	176	149
-15	193	169
-25	220	189



DISK PACKS

Georgia Magnetix
200 Meg Byte Disk Pack

\$600

CARTRIDGES

Georgia Magnetix—Front Load Cartridges 63
Mark 111 F up to 5 MB, 200 Tpi, 2200 Bi

Georgia Magnetix 75
Mark 111T—Same as above but top load

SUPER SAVINGS ON DISKETTES

Verbatim—8" IBM Comp	\$4.29
Verbatim—8" Hard Sector	4.29
Verbatim—5" Soft Sector	3.49
Verbatim—5" 10 Hard Sector	3.49
Georgia Magnetix—8" IBM Comp	3.59
Georgia Magnetix—8" Hard Sector	3.59

(Minimum Order 10)



Integrated Circuits

LOOK AT THESE LOW PRICES FROM WESTERN DIGITAL

Floppy Disk 40 Pin FL1771B-01	Formatter/Controller Cavity-Plastic Package	\$34.00
Floppy Disk 40 Pin FD1781B FD1791B	Dual Density Formatter/Controller Cavity-Plastic Package Cavity-Plastic Package	29.00 45.00
P/SAR 40 Pin PR1472B PR1471B-01	Programmable Synchronous/ Asynchronous Receiver 100 KHz (1X Clock) — Cavity-Plastic Package 640 KHz (1X Clock) — Cavity-Plastic Package	14.00 15.00
P/SAT - 40 Pin PT1482B PT1428-01	Programmable Synchronous/ Asynchronous Transmitter 100 KHz (1X Clock) — Cavity-Plastic package 640 KHz (1X Clock) — Cavity-Plastic Package	11.80 13.00
ASTRO 40 Pin Synchronous Transmitter-Receiver UC1671B	Programmable Asynchronous 1 MHz (1X Clock) — Cavity-Plastic Package	18.00

12

ASTRO - 40 PIN UC1971B	1 MHz (1X Clock) — Cavity-Plastic Package	12.00
SDLC - 40 Pin SD1933A	1.5 Mega-bits per sec — Ceramic Package	29.00
USART - 28 Pin TR1953F	Universal Synchronous/ Asynchronous Receiver/Transmitter 56K Baud (sync mode) — Cavity-Plastic Package	8.00
UART - 40 Pin TR1602B TR1602B-04	Universal Asynchronous Receiver/Transmitter 20K Baud Data Rate — Cavity-Plastic Package 40K Baud Data Rate — Cavity-Plastic Package	5.90 6.90

SPECIAL MEMORY VALUE

10K RAM CHIPS (DYNAMIC)
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Floppy Systems

FLOPPY'S

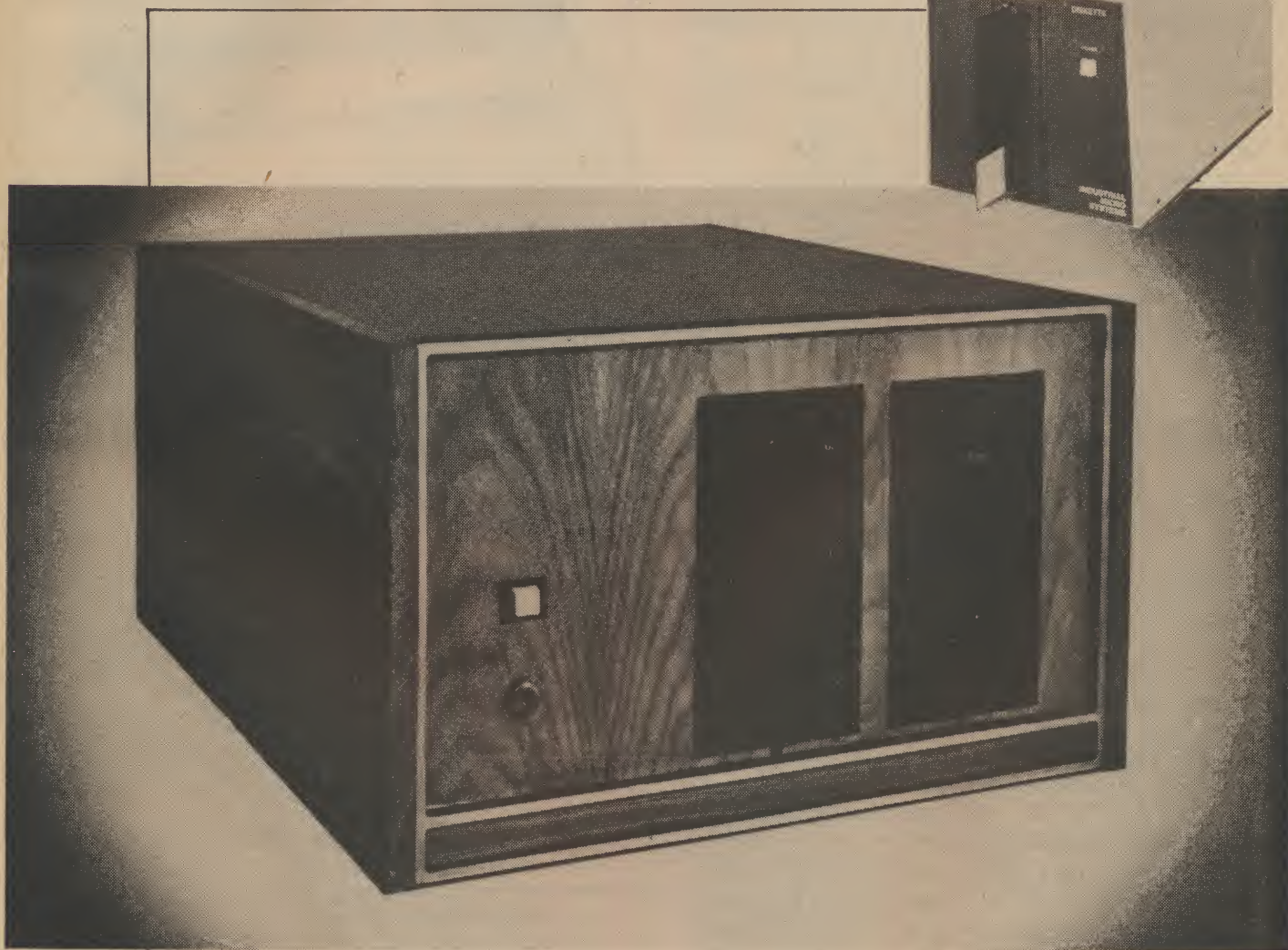
CIT PART #	DESCRIPTION	CIT PRICE
CIT-MFK1	MINI FLOPPY Includes Shugart SA400, Assembled Power Supply and Chassis (No Controller)	\$ 399
CIT-FK1	FLOPPY KIT Includes Shugart SA801R with Assembled Power Supply and Chassis (No Controller)	795
CIT-FK2	Same as above, but with two drives	1,645

CHASSIS & POWER SUPPLIES

CIT-MFC	MINI FLOPPY CHASSIS and Power Supply Assembles for Single SA400	79
CIT-FC	Same as above except for SA800 or SA801	280

ALIGNMENT DISKETTES

CIT-AL-DIS	Alignment diskette for SA800/801	\$ 45
CIT-AL-DIS4	Diskette for SA400	40



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COMPUTER INTERFACE TECHNOLOGY

Pascal MICROENGINE™ Computer

FEATURES

- Pascal MICROENGINE™ - high-performance, stack oriented 16-bit processor.
- 64K bytes of high speed RAM memory
- Floating point hardware (proposed IEEE standard)
- High speed 16-bit integer arithmetic with hardware multiply & divide. (Long integer format to 36 digits.)
- Direct memory access (DMA) floppy disk controller, switch selectable: single or double density, standard (8") or mini (5") floppy, 1 to 4 drives (same type)
- Two RS-232 asynchronous/synchronous ports (110-19.2K baud-full duplex)
- Two 8-bit parallel ports (500 KHz maximum data rate)
- System self-test microdiagnostics
- Enclosed system power supply & chassis
- Complete latest release of the UCSD Pascal Operating System supplied on Diskette including: Pascal compiler; BASIC compiler; File Manager; Screen oriented editor; Graphics Package.
- System Reference Manuals.

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The Model PME 16 features outstanding technological advantages such as: user-defined bus configuration; four levels of interrupts; single and multi-byte instructions; hardware floating point; stack architecture; 3.0 MHz four-phase clock (75nsec per phase); autoloading; and a TTL-compatible tri-state interface.

Pascal is an ideal block-structured programming



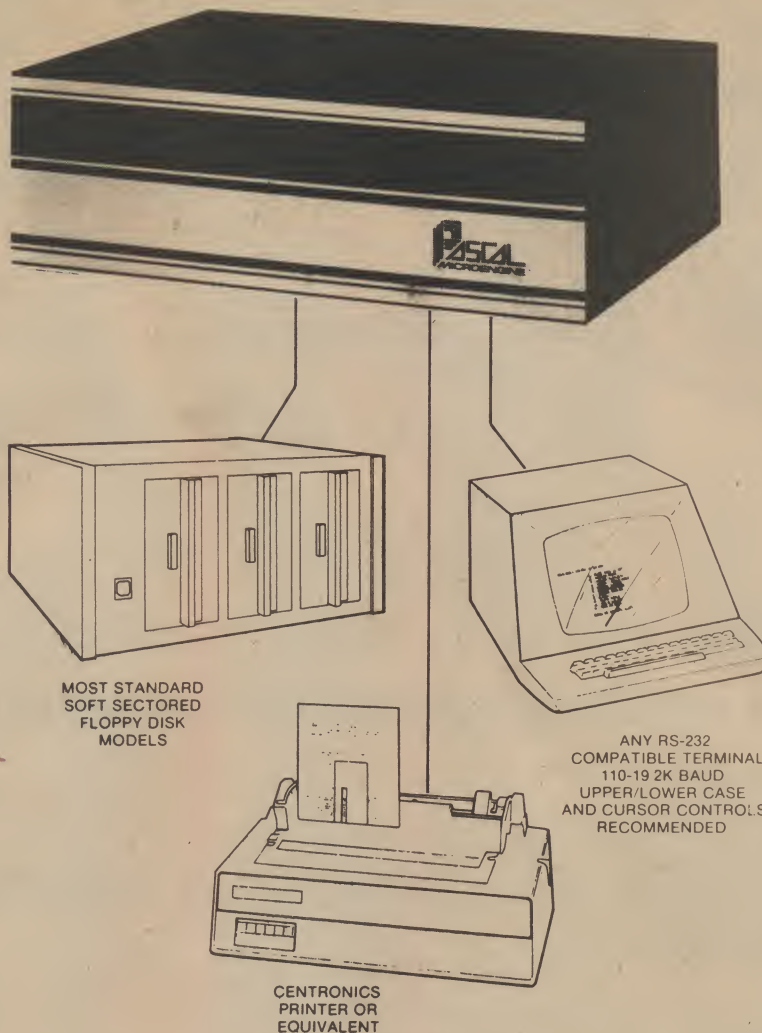
language that inherently forces structured programming techniques and good programming practices. For defining data structures, Pascal is much more powerful than Basic, Fortran, PL/1, and certainly assembly language. With these structures and control constructs, writing an application in Pascal will reduce the programming time by half or more for many programs. Program maintenance and the time spent adding future program enhancements are also drastically reduced because of these Pascal features.

Programs written in the block-oriented Pascal language are compiled into an intermediate code (called P-code) which is directly executed by the **Pascal MICROENGINE™** a 16-bit stack-oriented high performance processor. The processor is incorporated into a single board computer system, which directly executes user Pascal programs and the University of California at San Diego (UCSD) Pascal Operating System (latest version).

Since P-code output by the Pascal compiler represents an ideal architecture for a computer executing Pascal programs, these programs execute up to five or more times faster than equivalent systems using software interpreters. Using the **Pascal MICROENGINE™ Computer**, user programs blend direct P-code execution advantages of speed and low memory utilization with the additional advantages of shortened development and maintenance cycles and increased reliability of high-level Pascal language programming.

*MICROENGINE is a trademark of Western Digital Corporation

A Typical **PASCAL MICROENGINE™** Computer System



Name	Part Number	Description	Price
Pascal Microengine Computer	CIT-PME 16	64KB RAM memory, Floppy disk controller Two RS 232C I/O, Two Parallel Ports	\$2995
Floppy Subsystem	CIT-FK-1	Single Drive, Single or Double density	795
Floppy Subsystem	CIT-FK-2	Dual Drive, Single or Double density	1645
Printer	CIT-LP-779	Centronics 779	995
Printer	CIT-LP-701	Centronics 701	1575
Terminal	CIT-CRT-3A	U/L Case CRT, w/Cursor Control	995
Cable	CIT-PM-CO-1	Standard 3-Cable Set	195
Desk	CIT-DESK 100	48" Simulated Wood	499

SPECIAL OFFER

Desk-Top Package--\$6995
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includes: CIT-PME 16;
CIT-FK-3; CIT-LP-701; CIT-
CRT-3A; and CIT-PM-CO-1

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